

**Work Order ID 66821**

Monday, February 28, 2011 11:24:01 AM



Page 1

Item ID: D3672-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Phenolic Washer

Start Date: 2/28/2011 Start Qty: 500.00



Cust Item ID:

Required Date: 3/4/2011 Req'd Qty: 500.00



Customer:

Reference:

Approvals:

Process Plan:

CL

Date: 11/02/28

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D3672

Rev C

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 13569

Purchase Part Number: MM .437 OD X .210 ID X .031 +/- .002

Supplier: HASKINS INDUSTRIAL

Certificate of conformity is required

CL 11/02/28 (500)

110

0.00



Receive &amp; Inspect for Damage &amp; Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

11/3/3 (500)

120

0.00



QC6- Inspect dimensions to drawing

QC

Memo

0.00

Quality Control

11 03 03 (500)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 66821**

Monday, February 28, 2011 11:24:01 AM



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Item ID: D3672-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Phenolic Washer

Start Date: 2/28/2011 Start Qty: 500.00



Cust Item ID:

Required Date: 3/4/2011 Req'd Qty: 500.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: *74*

0.00



Packaging

Memo

0.00

Packaging

*11/13/45**500-4*

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*11/03/04**mf 11-03-04*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

Monday, February 28, 2011 11:23:57 AM

Page 1

Work Order ID: 66821



Parent Item: D3672-1



Parent Item Name: Phenolic Washer


Start Date: 2/28/2011

Required Date: 3/4/2011

Start Qty: 500.00

Required Qty: 500.00

Comments: IPP Rev:A New Issue 07-09-09 JLM Verified By:EC  
IPP Rev:B ECN 1056 07-11-13 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3672-1P  WASHER		Purchased	No			110	Each	0.0000	1	500			



*4/3/3 500*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

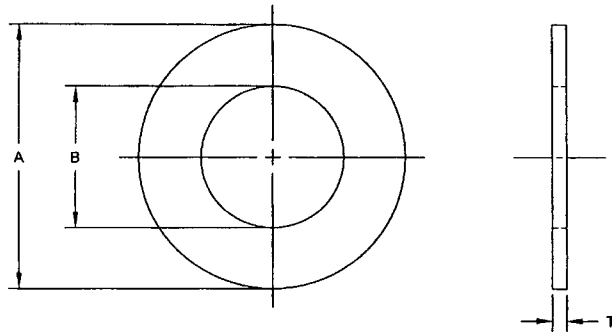
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# SPECIFICATION CONTROL DRAWING



## D3672-X PHENOLIC WASHER

Dart P/N	A (IN)	B (IN)	T (IN)	SUPPLIER P/N	REPLACES
D3672-1	0.437	0.210	0.031	MM .437OD x .210ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H3L
D3672-3	0.500	0.267	0.031	MM .500OD x .267ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H4L
D3672-5	0.562	0.326	0.062	MM .562OD x .326ID x .062 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5
D3672-7	0.562	0.328	0.031	MM .562OD x .328ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5L
D3672-9	0.625	0.390	0.031	MM .625OD x .390ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H6L
D3672-11	0.750	0.453	0.031	MM .750OD x .453ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H7L
D3672-13	0.875	0.515	0.031	MM .875OD x .515ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H8L



### NOTES:

- 1) MATERIAL: PHENOLIC. PURCHASE HASKINS INDUSTRIAL INC. P/N PER TABLE (IN QUANTITIES OF 1000)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

CX 11/02/28  
W10.66821

RELEASED  
2009-12-04

C	REDRAW, ADD -13 (ZN A8-1), PAR 09-038	CP	09.11.04
B	ADD -5/-7/-9/-11	DC	07.10.09
A	NEW ISSUE	DC	07.08.28
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	98	DRAWING NO.	REV. C
CHECKED	1	D3672	SHEET 1 OF 1
MFG. APPR.	1	TITLE	SCALE
DE APPR.	1	PHENOLIC WASHER	NTS
DATE	09.11.04	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO13569

Purchase Order Date 2/28/2011  
PO Print Date 2/28/2011

Page Number 1 of 1

Order From : VC-HAS001

HASKINS INDUSTRIAL  
5-52 ANTARES DRIVE  
NEPEAN, ON K2E 7Z1  
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 723 8800	Requisition Nbr	
Vendor Fax	613 723 8806	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3672-1P	WASHER	3/3/2011 Yes	500.00 Each	Dicom	\$0.3229	\$161.45
		Special Inst:	AS PER DWG D3672 REV. C B66821 P/N: MM.437 OD X .210 ID X .031 +/- .002				
2		110-0187-201 DEBOER 3/16 2FT E-MILL	3/3/2011 Yes	4.00 Each	Dicom	\$8.0100	\$32.04
		Deliver To: CNC					
3		JE404422 1/2" JET DRILL RUBBER HANDLE	3/3/2011 Yes	2.00 Each	Dicom	\$256.5000	\$513.00
		Deliver To: DAN.P					
		Special Inst:	ADR12HD WITH KEY CHUCK / REVERSIBLE				
						PO Total:	\$706.49

Change Nbr: 1

Change Date: 2/28/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



M.M. SALES ADMINISTRATRIX LTD.

7650 KIMBEL STREET  
UNIT # 35  
MISSISSAUGA, ONTARIO  
L5S 1L2

# PACKING SLIP

ISO 9001:2008  
Registered

Date	Invoice #
02/03/2011	2090

Invoice To
HASKINS INDUSTRIAL INC 5- 52 ANTARES DRIVE NEPEAN, ONTARIO K2E 7Z1

Ship To
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ONTARIO K6A 1K7 TAG P.O. #

P.O. No.
201024

Ship Date	Ship Via	FOB
28/02/2011	PUROLAT...	MISSISSAUGA

Description	Qty
P/N MMS-D3672-1 PHENOLIC FIBRE FLAT WASHER .437 X .210 X .031 +/- .002 GST & HST on sales	500

GST/HST No.

889055281